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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Patent Application of : Group Art Unit  
Toshiharu KOSHINO, et al. :  
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Appln. No.: Not Yet Assigned : Examiner:  
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Filed: Herewith :   
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:   
For: DATA RECORDING APPARATUS : Attorney Docket  
AND DATA RECORDING METHOD : No. 8861-391US (P23442-01)

**INFORMATION DISCLOSURE STATEMENT**

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Citation Form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Independent consideration and acknowledgment of the enclosed reference(s) are respectfully requested.

Respectfully submitted,

**TOSHIHARU KOSHINO, ET AL.**

December 20, 2000  
(Date)

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Enclosure

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 8-83) PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.:  
8861-391US (P23442-01)

APPLICATION NO.:  
Not Yet Assigned

### INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5/95)  
(Use several sheets if necessary)

APPLICANT:  
KOSHINO, et al.

FILING DATE:  
Herewith

GROUP ART UNIT:  
Not Yet Assigned

### U.S. PATENT DOCUMENTS

EX. INIT	DOCU - MENT	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

JP915 U.S. PTO  
09/741118  
12/20/00

### FOREIGN PATENT DOCUMENTS

EX. INIT	DOCU - MENT	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
		1-221000	09/1989	Japan			X*
		57-76663	05/1982	Japan			X*
		11-331953	11/1999	Japan			X*
		11-239168	08/1999	Japan			X*
		60-246152	12/1985	Japan			X*
				*Abstract Only			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.